10320 Camino Santa Fe, Suite G
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Thyroid Hormone Receptor Antibody
Thyroid Hormone Receptor Antibody, Clone H43
Catalog # ASM10686

Specification

Thyroid Hormone Receptor Antibody - Product Information

Primary Accession	P10827
Other Accession	NM_001190918.2
Host	Mouse
Clonality	Monoclonal

Target/Specificity
Thyroid Hormone Receptor

Other Names
ERBA ALPHA antibody, ERBA beta antibody, ERBA1 antibody, ERBA2 antibody, NR1A1 antibody, NR1A2 antibody, THR1 antibody, THRA antibody THRA1 antibody, THRA2 antibody, THRB antibody, THRB1 antibody, THRB2 antibody, Thyroid hormone receptor alpha antibody, Thyroid hormone receptor beta antibody

Immunogen
Synthetic peptide from the full length Human Thyroid hormone receptor protein

Purification
Protein A Purified

Storage	-20ºC

Storage Buffer
PBS pH 7.4, 50% glycerol, 0.09% Sodium azide *Storage buffer may change when conjugated

Shipping Temperature	Blue Ice or 4ºC

Certificate of Analysis
A 1:500 dilution of SMC-561 was sufficient for detection of Pan-Thyroid hormone receptor in 10 ug of Hep G2 Human Hepatoblastoma Cell lysate by ECL immunoblot analysis using goat anti-mouse IgG:HRP as the secondary antibody.

Cellular Localization
Nuclear

Thyroid Hormone Receptor Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety

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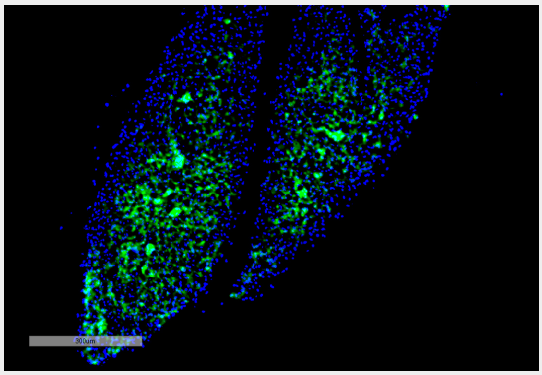
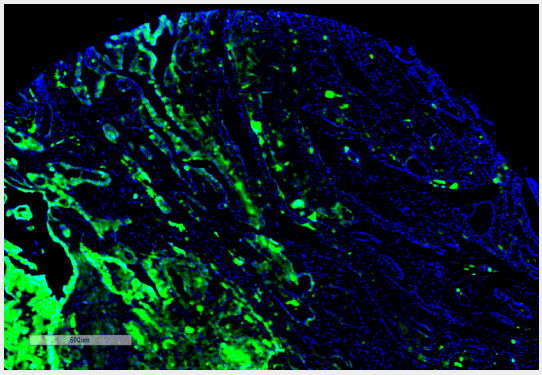
- Cell Culture

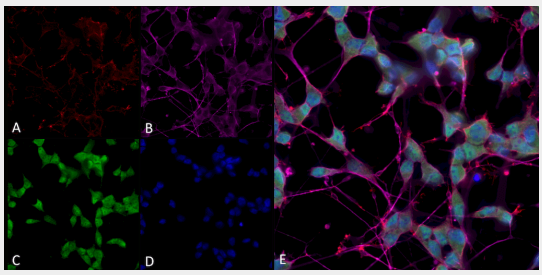
Thyroid Hormone Receptor Antibody - Images



Immunohistochemistry analysis using Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody, Clone H43 (ASM10686). Tissue: Thyroid. Species: Mouse. Primary Antibody: Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody (ASM10686) at 1:100 for Overnight at 4C, then 30 min at 37C. Secondary Antibody: Goat Anti-Mouse IgG (H+L): FITC for 45 min at 37C. Counterstain: DAPI for 3 min at RT. Magnification: 7.5X.



Immunohistochemistry analysis using Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody, Clone H43 (ASM10686). Tissue: Thyroid Cancer. Species: Human. Primary Antibody: Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody (ASM10686) at 1:100 for Overnight at 4C, then 30 min at 37C. Secondary Antibody: Goat Anti-Mouse IgG (H+L): FITC for 45 min at 37C. Counterstain: DAPI for 3 min at RT. Magnification: 4X.



Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody, Clone H43 (ASM10686). Tissue: Differentiated SH-SY5Y. Species: Human. Primary Antibody: Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody (ASM10686) at 1:250. Secondary Antibody: AlexaFluor 488. Counterstain: phalloidin (Alexa 647, red), beta tubulin (Anti-beta III Tubulin Ab, Alexa 555, magenta) Hoechst (blue). (A) Phalloidin (B) Anti-beta III Tubulin Ab. (C) Thyroid Hormone Receptor Antibody. (D) Hoechst (E) Composite.

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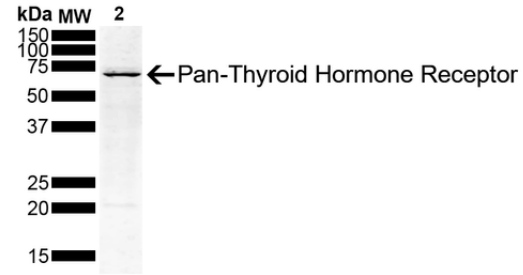

Western Blot analysis of Human Hep G2 Hepatoblastoma Cell lysate showing detection of Thyroid Hormone Receptor protein using Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody, Clone H43 (ASM10686). Load: 10 ug. Primary Antibody: Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody (ASM10686) at 1:500 for 2 hours at RT with shaking. Secondary Antibody: Goat anti-mouse IgG:HRP at 1:4000 for 1 hour at RT with shaking. Color Development: Chemiluminescent for HRP (Moss) for 5 min in RT. Other Band(s): Higher molceular weight bands could be due to PTMs.

Thyroid Hormone Receptor Antibody - Background

Thryoid hormone receptors are ligand dependent members of the steroid/retinoic acid superfamily of transcription factors. Thyroid hormones affect metabolic processes, growth and development.

Thyroid Hormone Receptor Antibody - References